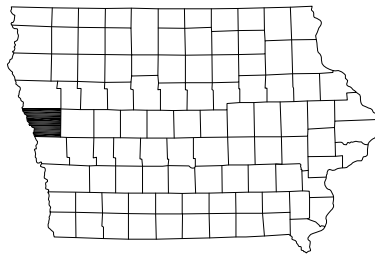


# MISSOURI RIVER WILDLIFE UNIT

## UPPER DECATURE ROAD & BOAT RAMP

# MONONA COUNTY, IOWA



**PROJECT #12-01-67-05**



DIRECTORY			
PROJECT MANAGER		CONSTRUCTION INSPECTOR	
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES
ADDRESS	502 EAST 9TH STREET	ADDRESS	613 APOLLO RD
CITY,STATE,ZIP	DES MOINES, IA 50319	CITY,STATE,ZIP	HINTON, IA 51024-8827
CONTACT	TROY DUFF	CONTACT	JEFF FELTS
TELEPHONE	515-250-3715	TELEPHONE	515-250-3714
FAX		FAX	
EMAIL	Troy.Duff@dnr.iowa.gov	EMAIL	Jeff.Felts@dnr.iowa.gov

## PROJECT DESCRIPTION

This project involves construction of approximately 1400 feet of rock surfaced access road; a rock surfaced parking area to accommodate 13 automobiles with trailers. For the marsh area, the project involves construction of 700 feet of rock surfaced access road, a rock surfaced parking area that will accommodate 10 to 12 vehicles and trailers, a rock surfaced boat ramp for accessing the marsh, and other incidental work as required by the D.N.R construction inspector.

<h2 style="margin: 0;">AUTHORIZATION TO BID</h2>
<div style="border-top: 1px solid black; margin-top: 10px; padding-top: 5px;">             AUTHORIZATION – PARKS   WILDLIFE   FISHERIES   LAW ENFORCEMENT   FOREST           </div>
<div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>ENGINEERING BUREAU CHIEF</span> <span>DATE</span> </div>

[illegible]

CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



COVER SHEET

# MISSOURI RIVER WILDLIFE UNIT

1000000

NO.	BY DATE	REVISION
DRAWN BY: E.S.		PROJECT NUMBER: 12-01-67-0
CHKD BY: T.D.		DATE: 2014
SHEET No.:		

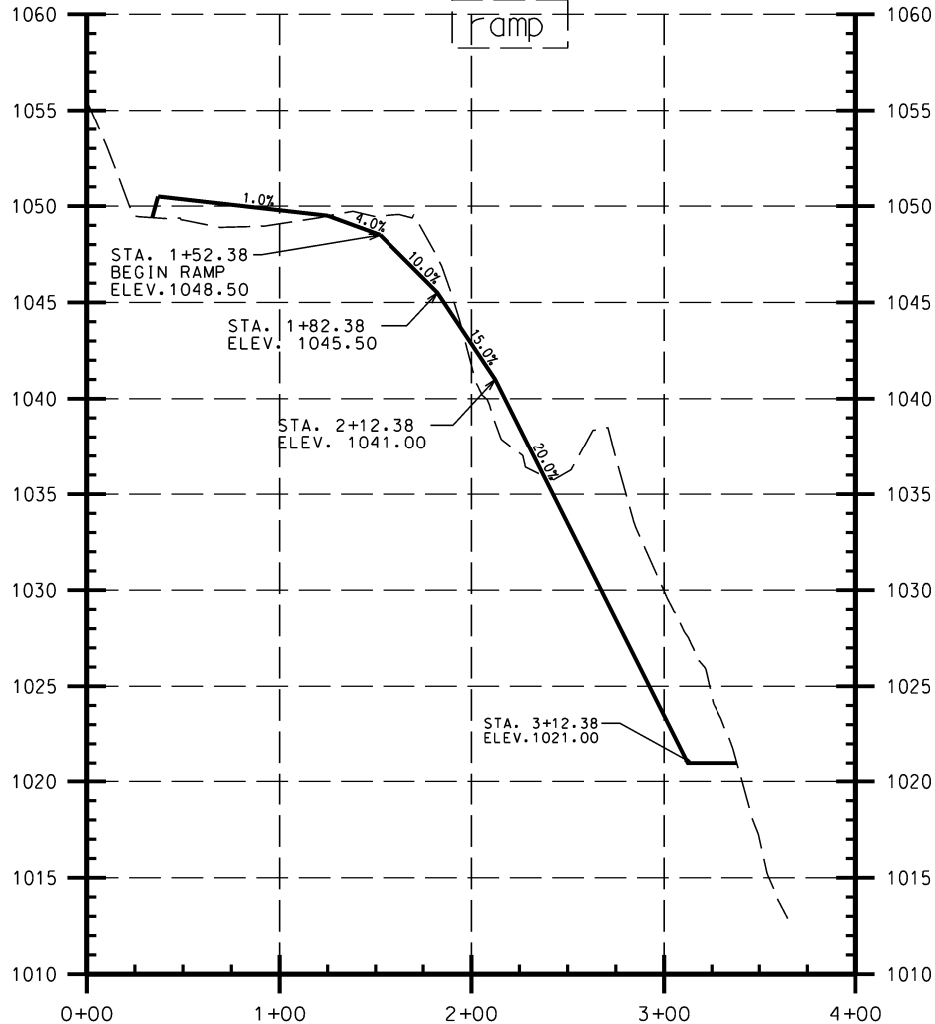
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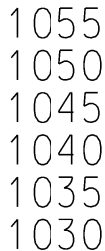
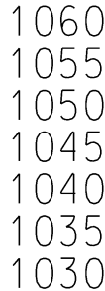
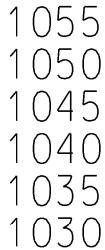
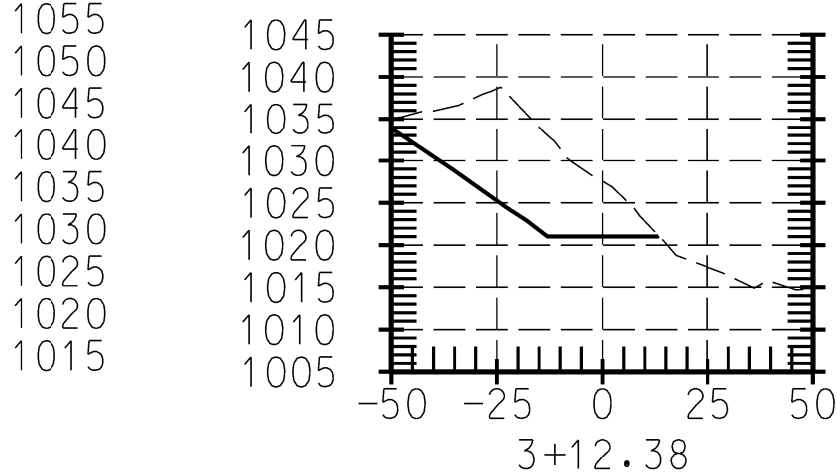
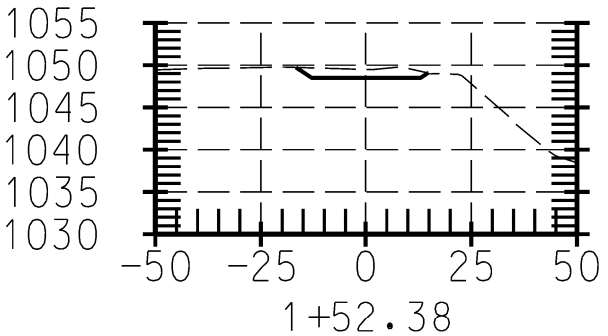
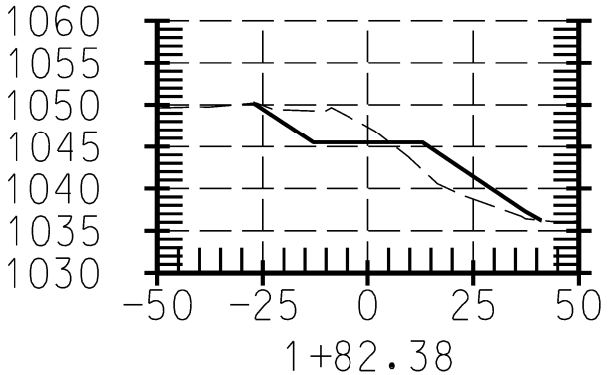
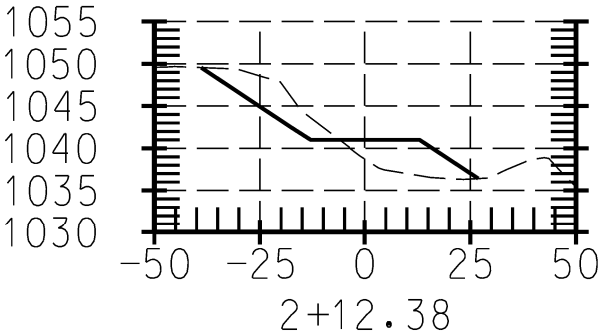
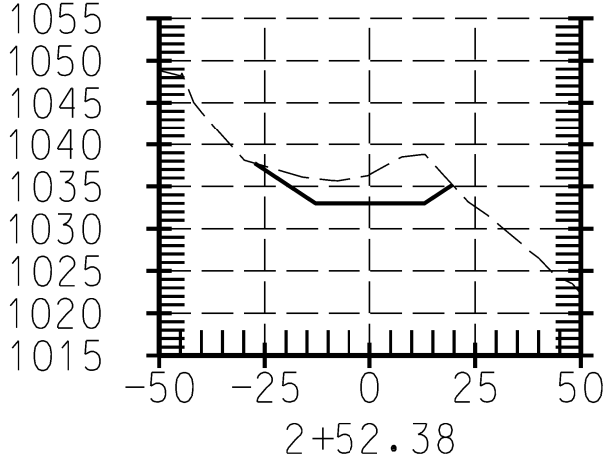




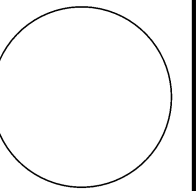
NOT PART OF THIS  
CONTRACT



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—	8743_ramp	0.00
Scaled	10.0000	Times Ver.
Scaled	1.0000	Times Hor.



CONSULIANI:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

502 E. 9TH ST., DES MOINES, IA 50319-0034



## MAIN RAMP PROFILE

WHITE DECADENCE BOAT KAMI AND TAKING LOT

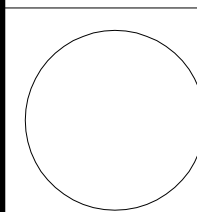
MISSOURI RIVER WILDLIFE UNIT

1000

Q.	BY: DATE	REVISION
DRAWN BY:	PROJECT NUMBER:	
E.S	12-01-67-05	
CHECK'D BY:	DATE:	
T.D	2014	
SHEET No:		

### 3.01

CONSULTANT:



IOWA DEPARTMENT OF  
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



MAIN RAMP TYPICAL

BOAT RAMP CONSTRUCTION FOR:

MISSOURI RIVER WILDLIFE UNIT

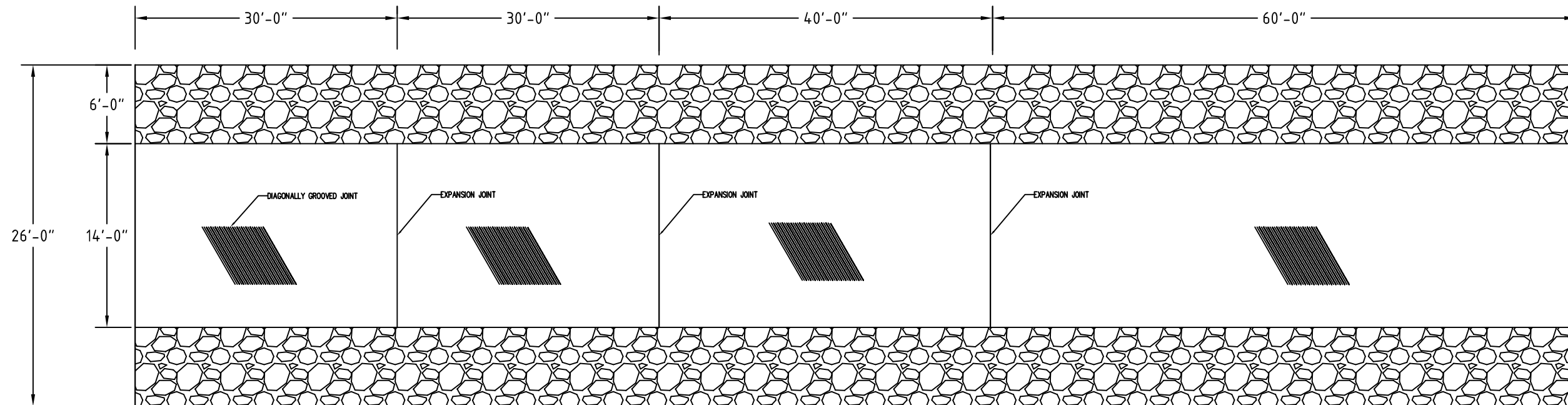
MONONA COUNTY, IA

NO.	BY	REVISION

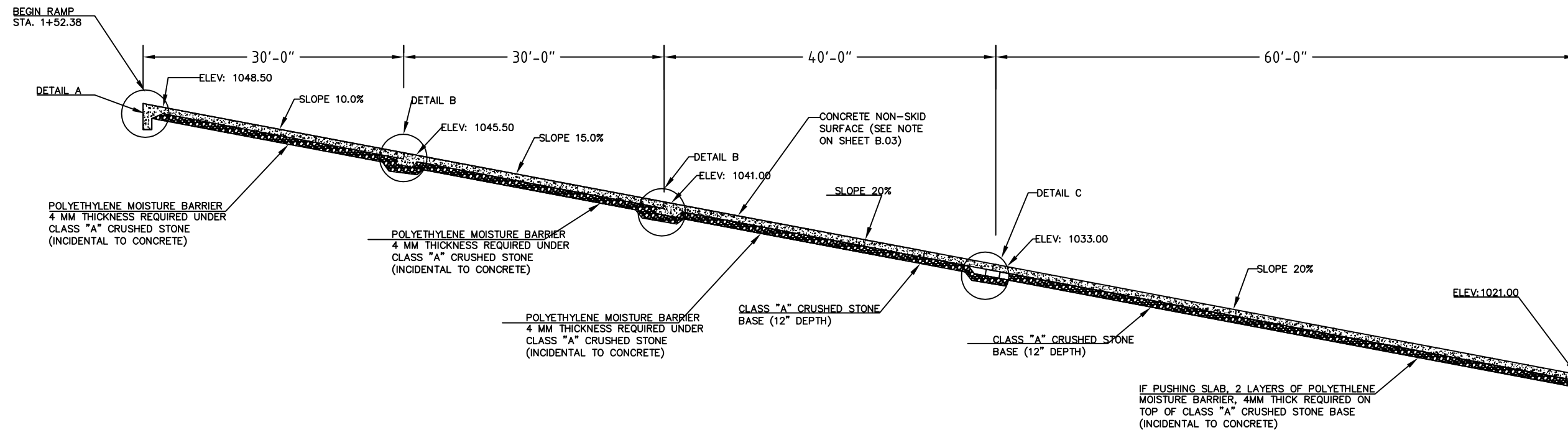
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PROJECT NUMBER: 12-01-67-05  
CHKD BY: T.D.  
DATE: 2014

SHEET NO:

B.02

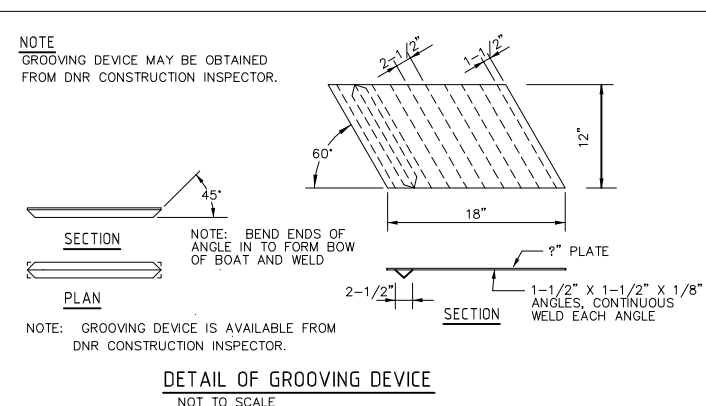
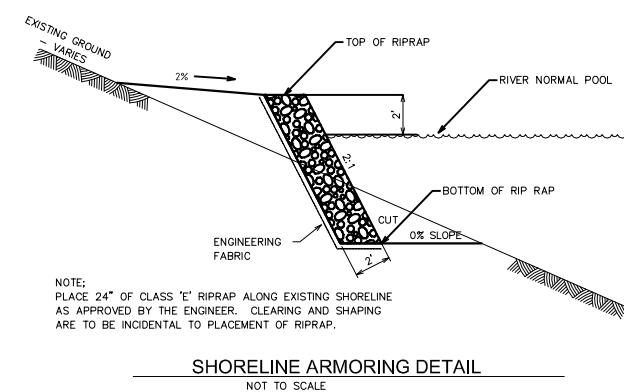
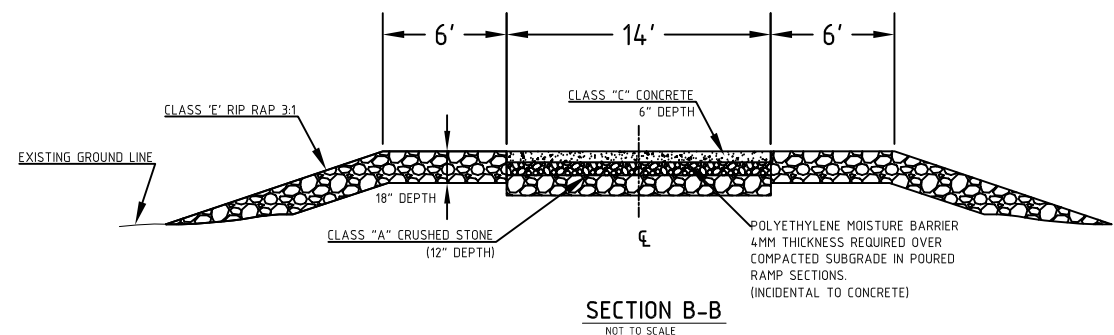
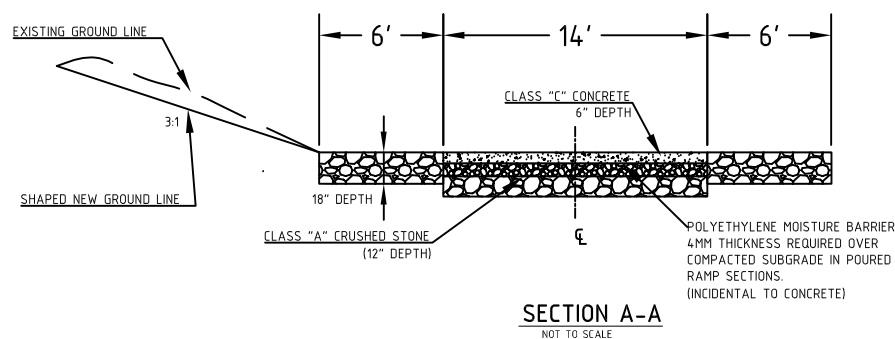


NOT PART OF THIS  
CONTRACT



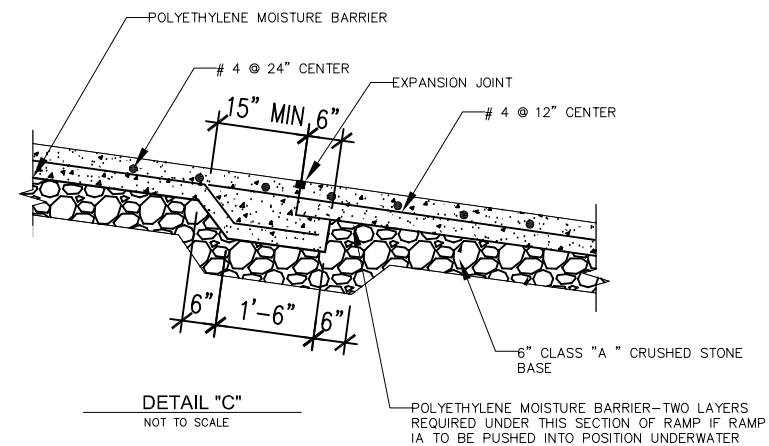
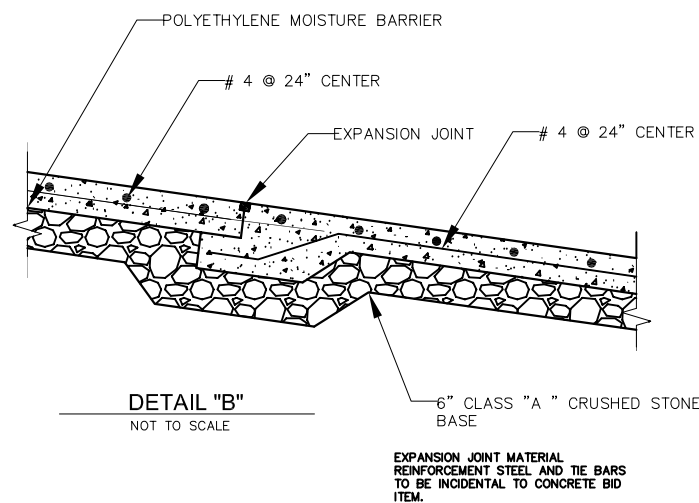
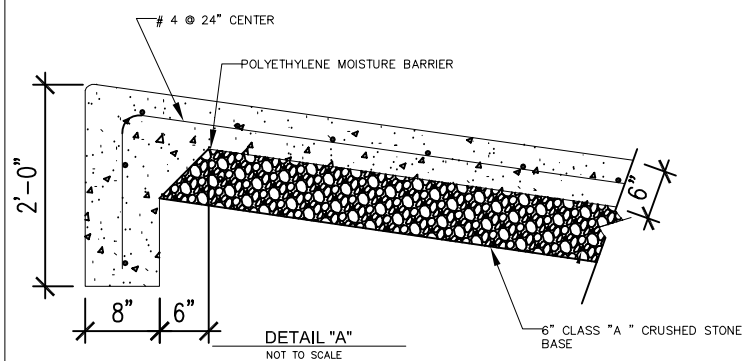


BOAT RAMP IS NOT PART OF THIS CONTRACT

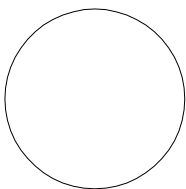


BOAT RAMP NOTES

- ALL CONCRETE SHALL CONFORM TO CLASS "C" MIX 4 I. D.O.T. SPECIFICATION SERIES 2009
- ALL EXPOSED EDGES OF CONCRETE TO BE BEVELED WITH CHAMFER STRIPS
- THE TOP 1" OF ALL EXPANSION JOINTS TO RECEIVE A SILICONE BASE POURING TYPE SEALER
- EXPANSION JOINTS -PREFORMED RESILIENT FILLER MATERIAL
- REINFORCING STEEL - GRADE 40 - DEFORMED
- THAT PORTION OF THE RAMP TO BE PLACED BELOW THE WATERLINE MAY BE FORMED ABOVE THE WATERLINE AND CAREFULLY PUSHED INTO POSITION UNDERWATER TO THE LOCATION AND ELEVATION AS SHOWN ON THE PLAN AND AS APPROVED BY THE INSPECTOR. THE REMAINING SECTIONS OF THE RAMP SHALL BE FORMED AND POURED IN PLACE.



CONSULTANT:



IOWA DEPARTMENT OF  
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



BOAT RAMP DETAILS

BOAT RAMP CONSTRUCTION FOR

MISSOURI RIVER WILDLIFE UNIT

MONONA COUNTY, IA

NO.	BY	REVISION
1	DATE	
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DRAWN BY:  
E.S.

PROJECT NUMBER:  
12-01-67-05

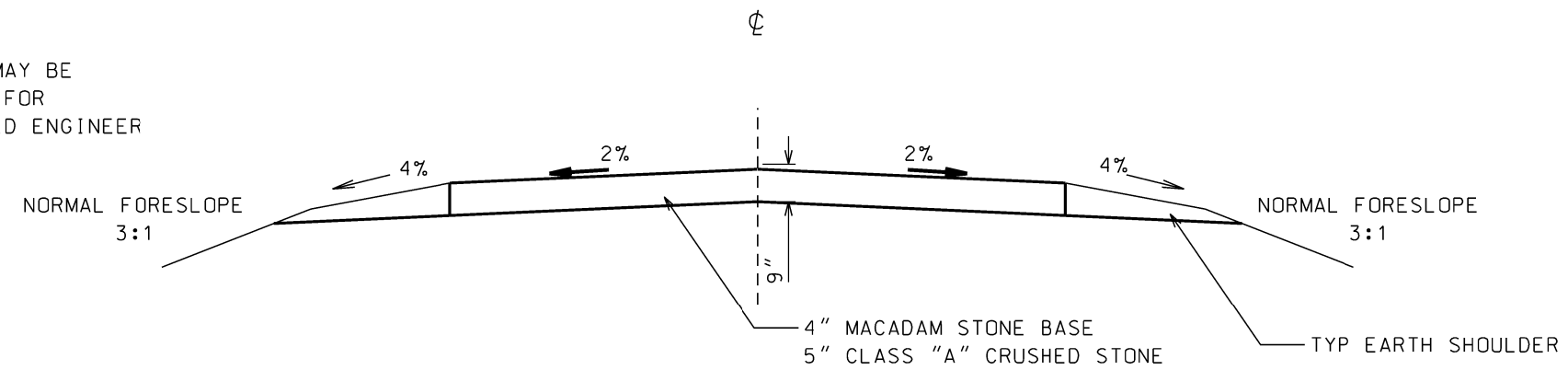
CHK'D BY:  
T.D.

DATE:  
2014

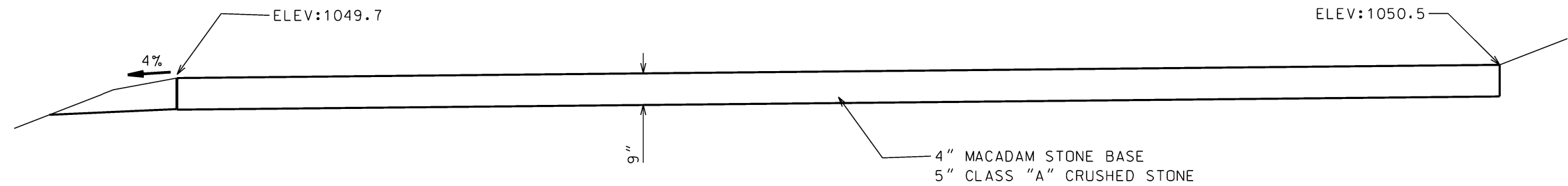
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B.03

NOTE:  
NORMAL SECTIONS SHOWN MAY BE  
APPROPRIATELY MODIFIED FOR  
AREAS BY THE D.N.R FIELD ENGINEER

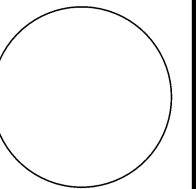


TYPICAL VIEW IN DIRECTION OF TRAVEL



### MAIN PARKING LOT CROSS SECTION

CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

502 E. 9TH ST., DES MOINES, IA 50319-0034



MONONA COUNTY, IOWA

ROAD TYPICAL CROSS-SECTION

UPPER DECATUR BOAT RAMP AND PARKING LOT

MISSOURI RIVER WILDLIFE UNIT

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER:	
E.S.	12-01-67-05	
CHK'D BY:	DATE:	
T.D.	2014	

SHEET No:

B.04



ESTIMATED PROJECT QUANTITIES			
ITEM	DESCRIPTION	UNIT	TOTAL
1	MOBILIZATION	L.S	1
2	CLEARING AND GRUBBING	L.S	1
3	SURFACING CLASS "A" CRUSHED STONE	TONS	2151
4	MACADAM STONE BASE	TONS	1539
5	REVETMENT CLASS "E" RIP RAP	TONS	170
6	EARTHWORK	C.Y	2,200
7	EROSION CONTROL	L.S	1
8	SITE RESTORATION	L.S	1

ITEMS NOTES:	
2	CONTRACTOR MAY BURN TREES AND BRUSH TO MINIMIZE AMOUNT OF DEBRIS TO BE BURIED OR REMOVED FROM SITE.
5	PLACE CLASS E REVETMENT (RIP RAP) ON THE WEST SIDE OF THE RIVER PARKING LOT AS DIRECTED BY THE D.N.R DISTRICT INSPECTOR

GENERAL NOTES:	
ITEM	DESCRIPTION
A.	The contractor shall notify the following two weeks prior to construction: 1. District Inspector: JEFF FELTS (515)-250-3712  2. Project Manager: DUFF TROY (515)-250-3715
B.	The contractor shall verify actual locations and elevations with the D.N.R Inspector.
C.	All work shall conform to and be performed in accordance with all applicable codes and ordinances.
D.	The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specifications, special provisions and contract.
E.	The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the D.N.R Inspector of any discrepancies, omissions and/or conflicts prior to proceeding with the work.
F.	The contractor is responsible for providing waste area or disposal for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the D.N.R Inspector.
G.	The contractor shall not disturb desirable grass areas and desirable trees outside construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the D.N.R inspector.
H.	The contractor is expected to have materials, equipment and labor available on a daily basis to install and maintain erosion control features on the project.
I.	The contractor shall be responsible for any damage to existing facilities resulting from their negligence, or that of a subcontractor, and said repairs shall be approved by the owner.
J.	Borrow area to be determined by the D.N.R Inspector
K.	Any excess material from onsite excavation will be used within the immediate project area to restore the site to pre-flood (2011) conditions, as directed by the D.N.R Inspector/Engineer.

**IOWA DEPARTMENT OF  
NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



UPPER DECATURE BOAT RAMP AND PARKING

MONONA COUNTY, IA

NO.	BY DATE	REVISION
DRAWN BY:	E.S.	PROJECT NUMBER: <b>12-01-67-05</b>
CHKD BY:	T.D.	DATE: <b>2014</b>
SHEET No:		

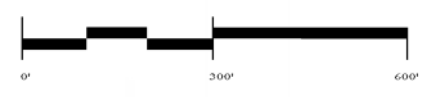


PROPOSED MAIN BOAT RAMP AND PARKING LOT

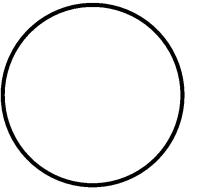
PROPOSED MARSH ROAD & ROCK BOAT RAMP

BOAT RAMP IS NOT  
PART OF THIS  
CONTRACT

Scale: 1"=300'



CONSULTANT:



IOWA DEPARTMENT OF  
NATURAL RESOURCES  
ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



SITE PLAN

UPPER DECATUR BOAT RAMP AND PARKING LOT

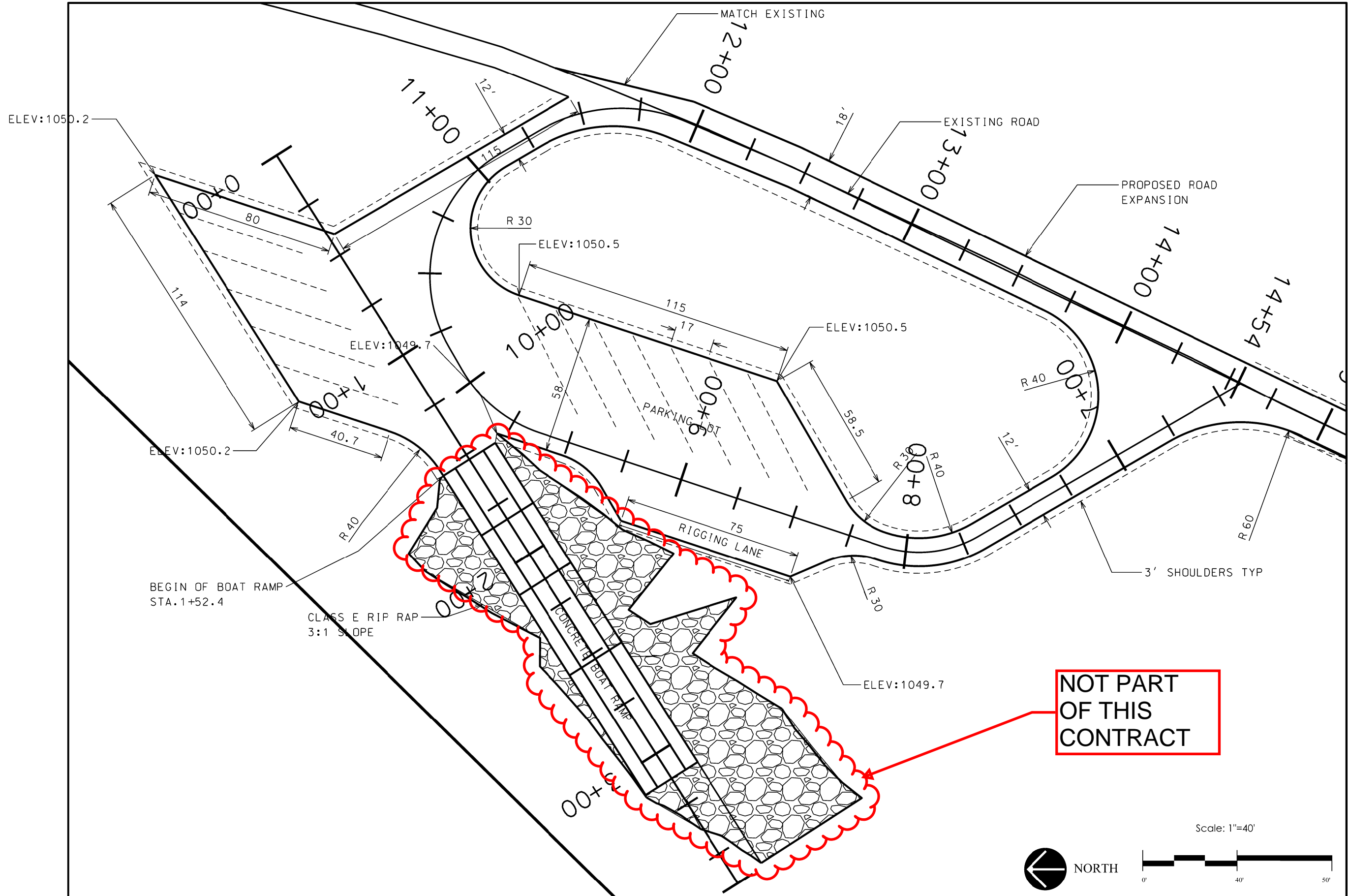
MISSOURI RIVER WILDLIFE UNIT

MONONA COUNTY, IOWA

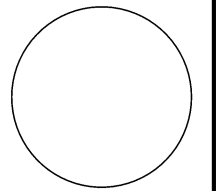
NO.	DATE	REVISION
1	12-01-05	ES
2	2014	ES
DRAWN BY: ES		
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CONSULTANT:



IOWA DEPARTMENT OF  
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



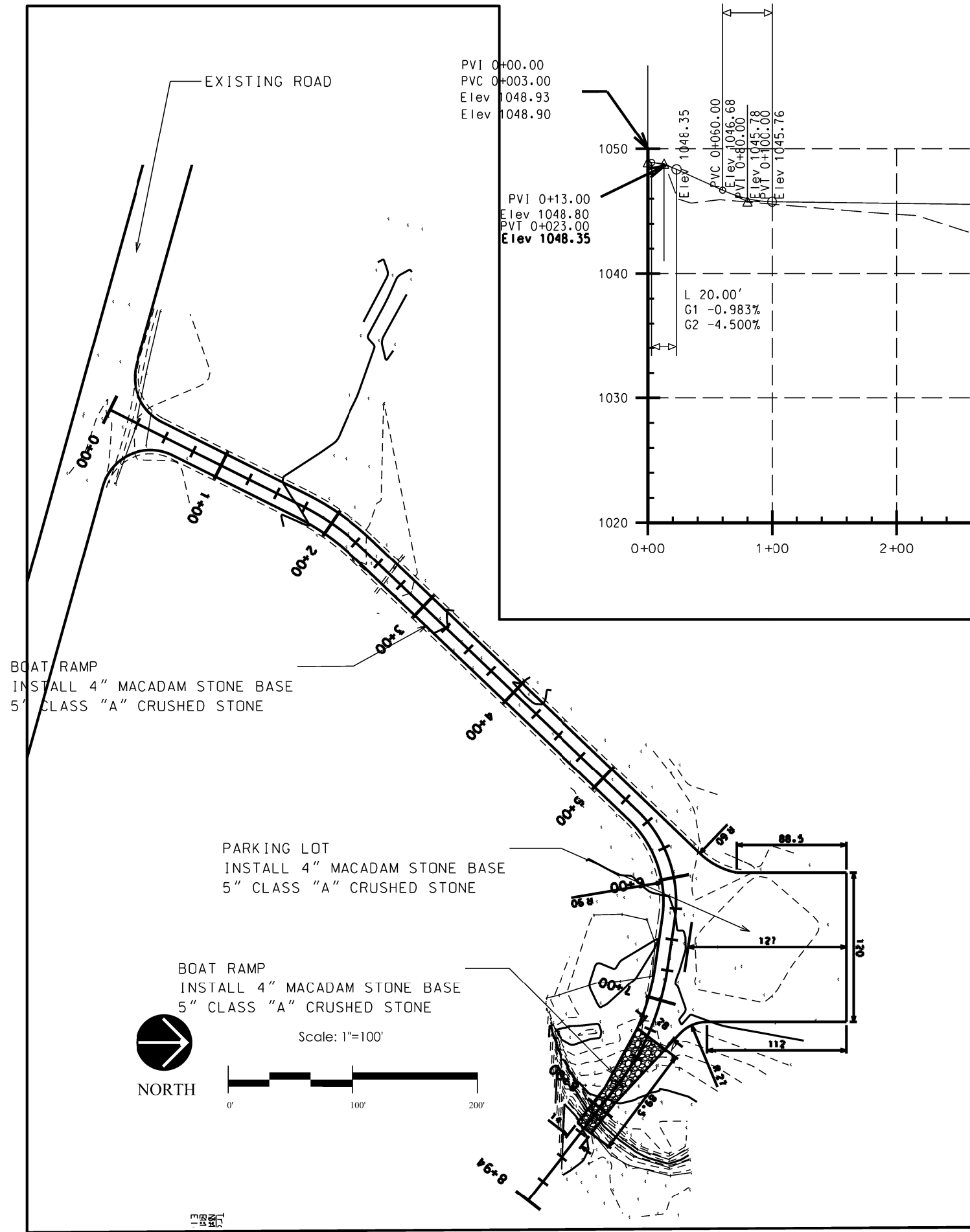
MAIN PARKING LOT

UPPER DECATUR BOAT RAMP AND PARKING LOT  
MISSOURI RIVER WILDLIFE UNIT

MONONA COUNTY, IOWA

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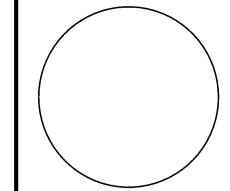




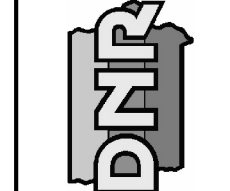
ROAD PROFILE

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Scaled 1.0000 Times Hor.		

CONSULTANT:

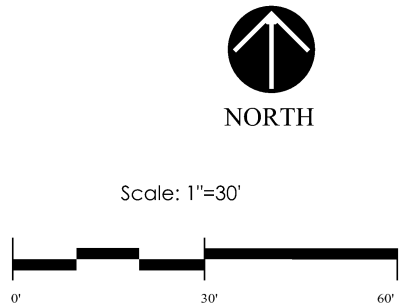
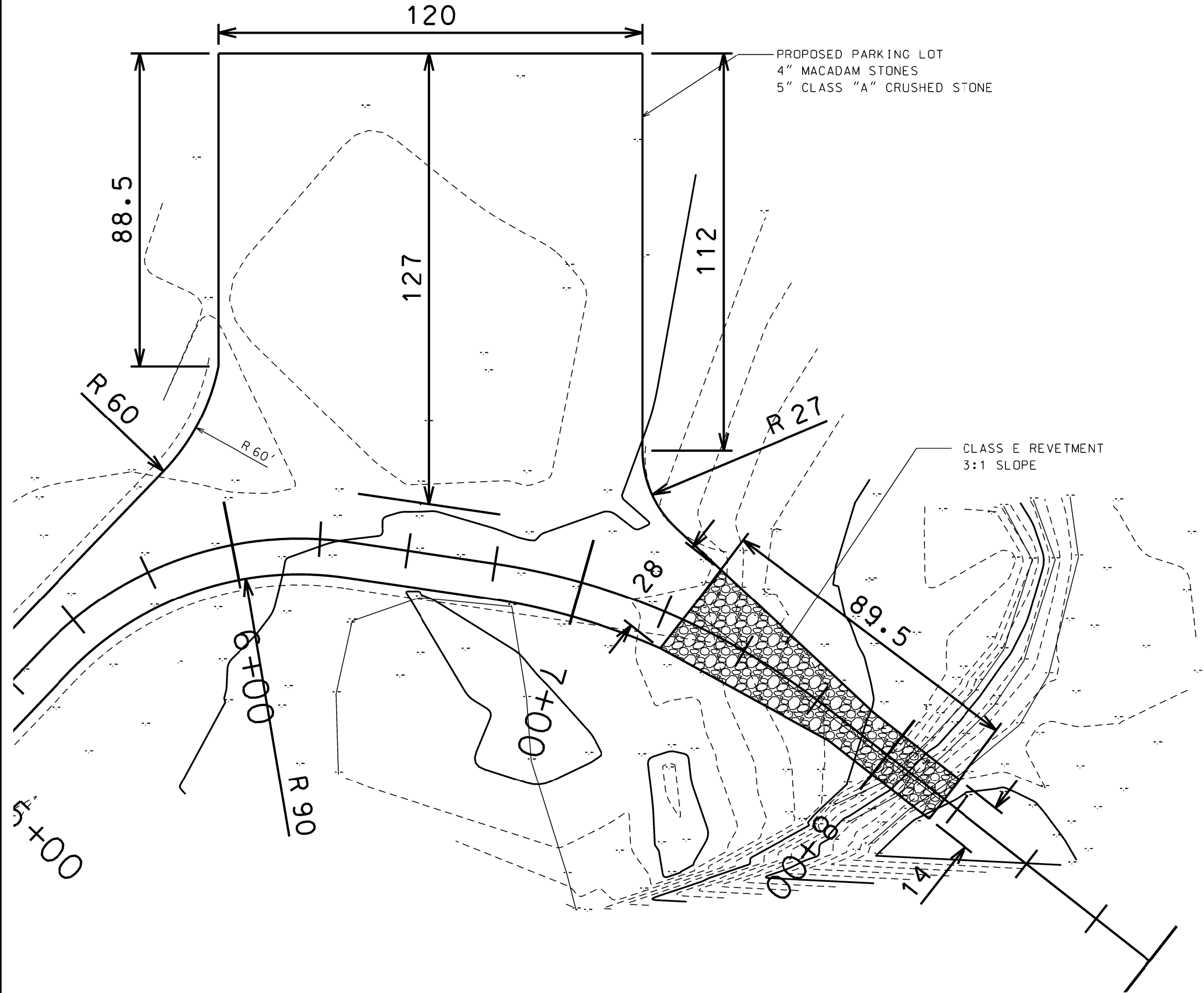


IOWA DEPARTMENT OF  
NATURAL RESOURCES  
ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034

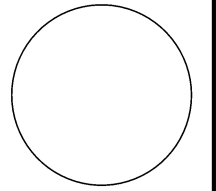


PARKING LOT 2 SITE PLAN & PROFILE  
UPPER DECATUR BOAT RAMP AND PARKING LOT  
MISSOURI RIVER WILDLIFE UNIT  
MONONA COUNTY, IOWA

NO.	BY	REVISION
	DATE	
DRAWN BY: E3		PROJECT NUMBER:  12-01-67-05
CHK'D BY: T.D		
		DATE:  2014
SHEET NO:		



CONSULTANT:



**IOWA DEPARTMENT OF  
NATURAL RESOURCES**  
ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



**SECOND ROAD & PARKING LOT**

UPPER DECATUR BOAT RAMP AND PARKING LOT

MISSOURI RIVER WILDLIFE UNIT

MONONA COUNTY, IOWA

BY		REVISION
DATE		
DRAWN BY:		PROJECT NUMBER:
E.S.		12-01-67-05
CHK'D BY:		DATE:
T.D.		2014
SHEET No:		
D.05		